INTERNATIONAL SEARCH REPORT

International application No. PCT/CA2005/000146

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A42B-3/04 A63B-69/00 A63B-71/10 G01C-9/00 G08B-21/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A42B-3/04 A61B-5/00 A61B-5/103 A63B-69/00 A63B-71/10 G01C-9/00 G08B-21/02 G08B-21/0O

CPC: 33/113 2/71 to 2/73.1 273/70 to 273/74 273/77

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used)

WEST, ESP@CENET, Canadian Patent Database, and Internet

Keywords: helmet, sensor, position and safety

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No(s).	
Х	US 6331168 B1 (CREATIVE SPORTS TECHNOLOGIES, INC.) December 18, 2001 Whole document	1-20		
x	US 5916181 B1 (CREATIVE SPORTS TECHNOLOGIES, INC.) June 29, 1999 Whole document	1-20		
				المعاورة
; A	US 2002060633 A1 (CRISCO, III et al.) May 23, 2002 Whole document	1-20	•	or and a second
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[] F	Further documents are listed in the continuation of Box C.	[X]	See patent family annex.		
*	Special categories of cited documents:	"T"	later document published after the intermational filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention		
"A"	document defining the general state of the art which is not considered to be of particular relevance				
"E"	earlier application or patent but published on or after the international filing date	"X"	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art		
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	«Υn			
"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family		
"P"	document published prior to the international filing date but later than the priority date claimed				
Date of the actual completion of the international search		Date	of mailing of the international search report		
30 March 2005 (30-03-2005)		15 A	pril 2005 (15-04-2005)		
Name and mailing address of the ISA/CA		Auth	Authorized officer		
Canadian Intellectual Property Office		١	- COLD 207 5000		
Place du Portage I, C114 - 1st Floor, Box PCT 50 Victoria Street		Eric	Eric Breton (819) 997-5209		

Gatineau, Quebec K1A 0C9 Facsimile No.: 001(819)953-2476 INTERNATIONAL SEARCH REPORT

international application No. PCT/CA2005/000146

Pátent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
U\$6331168 B1	18-12-2001	AU734844 B2 AU1199299 A AU3315201 A CA2310817 A1 CA2402161 A1 EP1030595 A1 EP1261275 A1 JP2001520903T T JP2003525677T T US5916181 A US6048324 A US6331168 B1 US6730047 B2 US2004171969 A1 WC0166006 A1 WC09921477 A1	21-06-2001 17-05-1999 17-09-2001 06-05-1999 13-09-2001 30-08-2000 04-12-2002 06-11-2001 02-09-2003 29-06-1999 11-04-2000 18-12-2001 04-05-2004 02-09-2004 11-11-2004 13-09-2001 06-05-1999
ÜS5916181 B1	29-06-1999	AU734844 B2 AU1199299 A AU3315201 A CA2310817 A1 CA2402161 A1 EP1030595 A1 EP1261275 A1 JP2001520903T T JP2003525677T T US5916181 A US60348324 A US6331168 B1 US6730047 B2 US2004171969 A1 US2004225236 A1 WO0166006 A1	21-06-2001 17-05-1999 17-09-2001 06-05-1999 13-09-2001 30-08-2000 04-12-2002 06-11-2001 02-09-2003 29-06-1999 11-04-2000 18-12-2001 04-05-2004 02-09-2004 11-11-2004 13-09-2001 06-05-1999
US2002060633 A1	23-05-2002	US6826509 B2	30-11-2004

INTERNATIONAL SEARCH REPORT

PCT/CA2005/000146

Box No.	
This intereasons:	rnational search report has not been established in respect of certain claims under Article 17(2)(a) for the following
1, []	Claim Nos :
	because they relate to subject matter not required to be searched by this Authority, namely:
2. []	Claim Nos.:
^	because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
	· · · · · · · · · · · · · · · · · · ·
3. []	Claim Nos.:
	because they are dependant claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
:	
∄ox No.	III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This Inter	rnational Searching Authority found multiple inventions in this international application, as follows:
	Group A: Claims 1-14 are directed to an electronic safety device comprising a position sensor for sensing the position of the head of a user and providing a signal indicative of the head position, a processor connectable to the position sensor for receiving the indicative signal, for determining if the head is in an unsafe position and for producing a signal qualifying the determination and an indicator conectable to the processor for receiving the signal qualifying the determination and subsequently indicating, and a method for using such device;
	Group B: Claims 15-18 are directed to a method for operating an electronic safety device comprising the steps of determining whether or not the device is in use and switching on or maintining an active mode for the device if it is determined that the device is in use; and
	Group C: Claims 19 and 20 are directed to a sport-specific helmet comprising a shell providing a main cavity, a layer of padding lining the inside of the main cavity, and an electronic device for determining and indicating that a head is in an unsafe position.
1. []	As all required additional search fees were timely paid by the applicant, this international search report covers all
\$	searchable claims.
2. [X]	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite
_	payment of any additional fee.
3. []	As only some of the required additional search fees were timely paid by the applicant, this international search report
ne.	covers only those claims for which fees were paid, specifically claim Nos.:
4. []	
4 []	No required additional search fees were timely paid by the applicant. Consequently, this international search report is
	restricted to the invention first mentioned in the claims; it is covered by claim Nos.:
•	
	Remark on Protest [] The additional search fees were accompanied by the applicant's protest.
	[] No protest accompanied the payment of additional search fees.